

2386 U.S. PTO  
10/26/86

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No.	42P4516D2
		First Inventor	Chunlin Liang
		Title	
		Isolated Junction Structure and Method of Manufacture	
		Express Mail Label No.	EV33658561IUS

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> <i>[Total Sheets 4]</i> 5. Oath or Declaration (signed) <i>[Total Pages 3]</i> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment <input checked="" type="checkbox"/> Application Amended 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <input type="checkbox"/> to Reflect Claim of <i>(Should be specifically itemized)</i> Priority 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/289,424  
 Prior application Information: Examiner Abraham, Fetsum Group/Art Unit: 2826

For CONTINUATION OR DIVISIONAL APPS Only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 18. CORRESPONDENCE ADDRESS

☐ Customer Number 08791 or ☒ Correspondence address below

Name	Edwin H. Taylor						
	Blakely, Sokoloff, Taylor & Zafman LLP						
Address	12400 Wilshire Boulevard, Seventh Floor						
City	Los Angeles	State	California	Zip Code	90025-1030		
Country	USA	Telephone	(408) 720-8300	Fax	(408) 720-8383		

Name (Print/Type)	Edwin H. Taylor	Registration No. (Attorney/Agent)	25,129
Signature			Date 10/26/86

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** (\$) **750.00**

Complete if known

Application Number	
Filing Date	
First Named Inventor	Chunlin Liang
Examiner Name	Abraham, Fetsum
Group/Art Unit	2826
Attorney Docket No.	42P4516D2

**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit Account Number	02-2666
Deposit Account Name	Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					750.00

**2. EXTRA CLAIM FEES**

Total Claims		Extra Claims		Fee from below		Fee Paid
12	20*	0	X	18.00	=	\$0.00
2	3*	0	X	84.00	=	\$0.00

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple Dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					0.00

\*or number previously paid, if greater. For Reissues, see below

**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1404	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	1809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3)					

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Name (Print/Type) Edwin H. Taylor

Registration No. (Attorney/Agent) 25,129

Complete (if applicable)

Telephone (408) 720-8300

Signature

Date

"Express Mail" mailing label number EV336585611US  
Date of Deposit August 21, 2003  
I hereby state that this document is to be deposited with  
the United States Patent and Trademark Office to Addressee\*  
service or fee has been  
addressed:  
PO Box 145

Conny Willesen  
(Typed or printed name)  
Conny Willesen  
(Signature)  
(Date signed) 08-21-03

Serial/Patent No.: To be assigned Filing/Issue Date: Herewith  
Client: Intel Corporation  
Title: Isolated Junction Structure and Method of Manufacture

BSTZ File No.: 42P4516D2 Atty/Sec'y Initials: EHT/(ITL)/cvw  
Date Mailed: 08-21-03 Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Amendment/Response (____ pgs.)  | <input checked="" type="checkbox"/> Express Mail No. <u>EV336585611US</u> <input checked="" type="checkbox"/> Check No. <u>5946</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)                              | <input type="checkbox"/> _____ Month(s) Extension of Time <input checked="" type="checkbox"/> Am # <u>750-00</u>                    |
| <input type="checkbox"/> Application - Utility (____ pgs., with cover and abstract)            | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (3 pgs.) <input type="checkbox"/> Check No. _____              |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)                   | <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Amt: _____  |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Divisional ( <u>16</u> pgs.) *  | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)                            | <input type="checkbox"/> Petition for Extension of Time   |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)                | <input type="checkbox"/> Petition for _____   |
| <input type="checkbox"/> Application - Design (____ pgs.)                                      | <input checked="" type="checkbox"/> Postcard  |
| <input type="checkbox"/> Application - PCT (____ pgs.)   | <input type="checkbox"/> Power of Attorney (____ pgs.)  |
| <input type="checkbox"/> Application - Provisional (____ pgs.)                                 | <input checked="" type="checkbox"/> Preliminary Amendment ( <u>4</u> pgs.)  |
| <input type="checkbox"/> Assignment and Cover Sheet  | <input type="checkbox"/> Reply Brief (____ pgs.)  |
| <input checked="" type="checkbox"/> Certificate of Mailing                                     | <input type="checkbox"/> Response to Notice of Missing Parts  |
| <input checked="" type="checkbox"/> Declaration & POA ( <u>3</u> pgs.) (copy)                  | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.) | <input type="checkbox"/> Transmittal Letter, in duplicate   |
| <input checked="" type="checkbox"/> Drawings: <u>4</u> # of sheets includes <u>13</u> figures  | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate   |

☒ Other: a duplicate Information Disclosure Statement, and a copy of this postcard with Certificate of Express Mail.

\*Div. of 09/289,424